

Watchdog Timer Problem Status

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Review of Watchdog Timer

- 2070 Controller puts out Watchdog Signal pulses on C1 connector
- Conflict Monitor records Watchdog Timer (WDT) Error if it fails to get a pulse within one second



Past Investigations

- Changed pins on PS2 connector
- Lubricated PS2 pins
- TEES99 vs TEES2002 Power Supply
- Non-bonded *Equipment Ground* in Siemens power supply
- Updated OS/9 on Siemens TEES2002
- Recorded voltage disturbances

None of these has prevented more WDTs or been a solution.



Observations

- Very intermittent problem
- Unable to reproduce problem to investigate it or to test solutions
- Problem seems more prevalent in winter months
- May be related to higher voltages and/or transient voltages



Future Investigations

- Isolate cabinets from other electrical loads
- Surge Suppressor



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FOR MORE INFO...



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